

# CLARK COUNTY CLEAN FUELS VEHICLES FACT SHEET

CLEAN FUELS are somewhat of an enigma. It is in the eyes of the beholder depending upon your perspective. Some believe that the term CLEAN DIESEL is the ultimate oxymoron. Others state it is a fact. Problem is, whatever your position, diesel fuel is still a mostly imported oil based commodity.

Types of CLEAN FUELS or should it be clean-er in use today include:

Fuel types: Biodiesel – B5 – B20 blends

Ethanol – E85 \*\*

Hybrids

~~Natural Gas – Compressed and liquefied~~

Hydrogen

Hydrogen /CNG blend

Reformulated gasoline (RFG) - 10% ethanol

Propane

\*\* plans underway to develop a local infrastructure

These clean-er burning American fuels are an effective bridge to the ultimate goal of a clean fuel such as hydrogen. However, even hydrogen, depending upon what it is derived from, may also be only a clean-er fuel when the total production cycle is considered.

CLEAN FLEETS – or, once again, clean-er fleets – About 10,000 vehicles/equipment both on-road and off road operate on some form of cleaner burning fuel in Clark County. Another 10,000 fuel flexible vehicles (FFV's) are potentially available in our metropolitan statistical area if an E85 infrastructure can be developed.

Fleets operating on biodiesel (B20) blend include:

City of Las Vegas  
Clark County Automotive  
Clark County School District  
Las Vegas Valley Water District  
Clark County Reclamation  
City of Henderson – (B5) blend  
Haycock Petroleum

Fleets operating on CNG or Propane

Regional Transportation Commission – Paratransit  
Yellow Checker-Star Cab Company  
City of Las Vegas  
Clark County Automotive  
Las Vegas Valley Water District  
Clark County Reclamation

Local Clean-er fuel consumption over the most recent 12 month period:

Biodiesel fuel (B20) blend - 5 million gallons

CNG - 2 million gas gallon equivalents (GGE's)

Propane - 4 million GGE